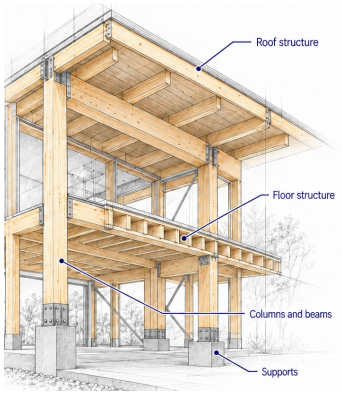
BÄCHI HOLZBAU AG
plant und baut mit Holz

Before timber production

Six decisions to coordinate. Keep the architecture, performance and production information aligned.

01 Structural concept



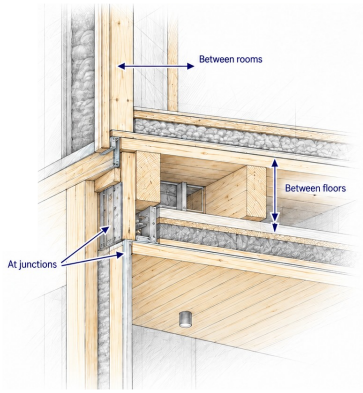
Let the structure support the architecture.

Agree the load-bearing approach early, so spans, supports and stability work with the layout rather than forcing late changes.

- The spaces and openings the design must protect.
- Load paths, support positions and structural stability.
- Build-up depths, visible timber and interfaces with other materials.

Bächi Holzbau brings fabrication and assembly input to the structural discussion, alongside the architect and structural engineer.

02 Acoustics



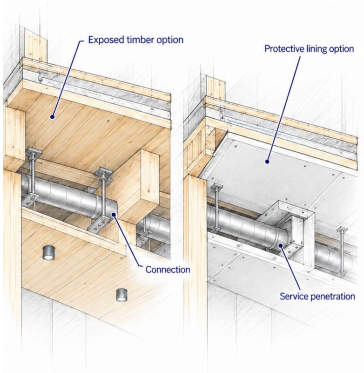
Design for the way the spaces should sound.

Privacy between rooms, footsteps from above and echo within a room need different responses. Agree the requirements before the build-ups are fixed.

- Room uses and the required acoustic performance.
- Floor and wall build-ups, junctions and sound paths.
- Visible timber, absorptive finishes and service penetrations.

Bächi Holzbau helps coordinate the timber assemblies and junctions with the acoustic specialist and wider design team.

03 Fire safety



Resolve fire requirements with the design.

Decisions about exposed timber, protective linings and connections belong in the design discussion, before production details are finalised.

- The project fire strategy and required performance.
- Where timber is exposed and where protection is needed.
- Compartment boundaries, connections and service penetrations.

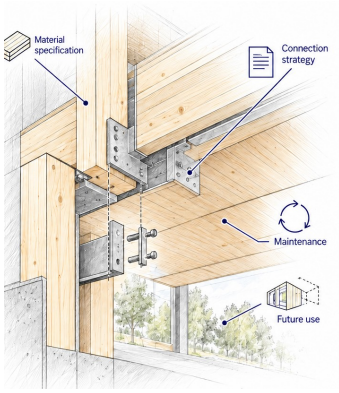
Bächi Holzbau helps coordinate the timber details with the fire-safety specialist and project team, using the agreed project requirements.

Working guide, not a specification or approval. Project-specific design and specialist checks are agreed separately.

Before timber production

Six decisions to coordinate. Keep the architecture, performance and production information aligned.

04 Sustainability



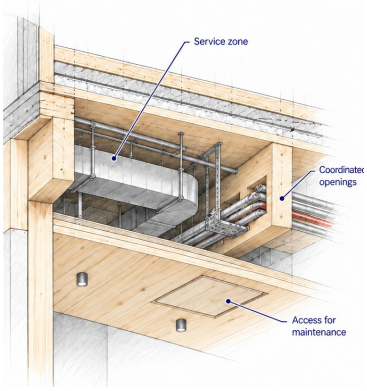
Make the environmental choices specific.

Material quantities, sourcing, service life and future use all influence a project's impact. Start with the choices the design team can assess and document.

- Material quantities, specifications and available product data.
- Sourcing requirements and evidence of origin.
- Durability, maintenance and opportunities for adaptation or reuse.

Bächi Holzbau contributes information about the proposed timber package and fabrication approach to support the project's environmental assessment.

05 Services integration



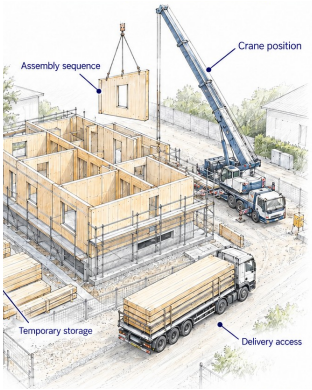
Keep services from dictating the architecture.

Agree routes, openings and service zones before the timber elements are produced, helping protect ceiling heights, visible timber and the room layout.

- Main routes and the space they need.
- Openings through timber elements and interfaces with other trades.
- Access for installation and future maintenance.

Bächi Holzbau helps coordinate openings and service zones in the timber elements with the building-services designers and other trades.

06 Logistics & site access



Plan the journey from workshop to final position.

Element dimensions, access and lifting arrangements need to work together. Resolve them early so fabrication decisions fit the site.

- Delivery access, turning space and site constraints.
- Element size, weight and crane positioning.
- Delivery order, temporary storage and assembly sequence.

Bächi Holzbau helps plan delivery and assembly of the timber elements with the site team and relevant logistics partners.

Working guide, not a specification or approval. Project-specific design and specialist checks are agreed separately.